Gurugram, India
shivasingh.200087@gmail.com

Shiva Singh

linkedin.com/in/cvasingh
github.com/cvasingh
cvasingh.com

Detail-oriented Software Engineer with 3+ years of experience building scalable, maintainable front-end architectures for fintech and data-driven applications. Proficient in React.js, Next.js, and Flutter, with deep expertise in Redux Toolkit, Redux-Saga, and component-driven design. Skilled in responsive UI/UX, RESTful API optimization, SEO, and secure real-time data via encrypted WebSockets. Experienced in Agile workflows, Cypress-based testing, and modern CI/CD pipelines. Seeking a technically challenging role to deliver impactful, high-quality solutions.

Work Experience

Sr. Software Engineer　　　　　**Univest.in** (Gurugram, Delhi NCR)　　　　　**Aug 2022–Present**

- Built and maintained responsive, high-performance web and mobile-compatible applications using **React.js**, **Next.js**, and **TypeScript**, ensuring seamless cross-platform user experiences.

- Joined as an intern and secured **two performance-based increments** and a **Pre-Placement Offer (PPO)** within the internship period due to fast development cycles and consistently reliable code quality.

- Independently handled both the **web application** and the **corresponding mobile app screens** built with React, ensuring synchronized feature delivery and UI consistency across platforms.

- Promoted to **Senior Software Engineer** after one year of full-time employment; led a team of two engineers, overseeing the complete **Univest website** and **Univest Broker platform**, including architectural design, development, and deployment.

- Designed and launched a **stock insights module** with 1**0+ real-time visualizations**, increasing user engagement by 35%.

- Architected secure **WebSocket integrations** for live stock data updates with **end-to-end encryption**, enhancing application responsiveness and data security.

- Executed **SEO optimization**, **API efficiency improvements**, and **performance tuning** across all major product surfaces, resulting in faster load times and improved user engagement.

- Played a key role in **collaborating with product managers, UI/UX designers, QA, and backend teams** to ensure timely and high-quality feature releases within an Agile/Scrum environment.

- Consistently recognized for exceptional contributions: awarded **6× Employee of the Month** and **3× Employee of the Quarter**, reflecting strong ownership, problem-solving skills, and 24/7 availability during critical deliveries.

Full Stack Developer Intern　　　　**HexaHash Tech. Pvt. Ltd.** (Remote)　　　　**Mar'2022 – Aug'2022**

- Designed and developed a **Customer Feedback Management System**, allowing users to register, authenticate, and manage feedback devices; applied data capture and visualization through interactive **bar and pie charts** using **React.js**, **Node.js**, and **MySQL**.

- Built responsive and accessible **UI components** with React.js, HTML5, and CSS3, aligned with **modern design** principles to enhance user engagement and satisfaction.

- Integrated **RESTful APIs** to ensure seamless communication between the front-end and back-end, enabling real-time **data syncing** and accurate response tracking.

- Performed **end-to-end testing** using **Cypress** (updated from Jest/RTL to align with your current stack), ensuring functional stability and preventing regressions across the application lifecycle.
- Actively contributed to **Agile ceremonies** including sprint planning, daily stand-ups, and retrospectives, while collaborating cross-functionally with designers, backend engineers, and QA teams.
- Wrote production-level modular code, **reducing bug rate by 25%** and improving maintainability score in code reviews.

Front-End Developer Intern   **Skillark Pvt. Ltd. & 8.7M-1.** (Remote)   **Aug'2021 – Mar'2022**

- Created modular and **reusable UI components** using React.js, **improving front-end scalability** and maintainability across **multiple projects**.
- Optimized complex app states using **Redux Toolkit**, improving data flow **efficiency by 40%.**
- Engineered a **CMS-based dynamic website** for a non-profit (8.7M-1) with RESTful API design, enabling real-time content management and structured data visualization.
- Ensured **cross-device** compatibility through responsive design practices and deployed production-ready builds across multiple environments with **continuous maintenance support**.

Education and Certifications

- **B.Tech, Computer Science & Engineering** — Dr. A. P. J. Abdul Kalam Technical University, Lucknow
- **10th & 12th (PCM)** — Sun Valley Public School, Varanasi (CBSE Board)

Technologies and Languages

- **Languages:**   JavaScript, TypeScript, Dart, HTML5, CSS3, C, C++, Python
- **Technologies & Frameworks:**   React.js, Next.js, Flutter, Node.js, Redux Toolkit, Redux-Saga, RESTful APIs, WebSocket (Encrypted), Cypress, Tailwind CSS, Bootstrap, Express.js
- **Databases:**   MySQL, MongoDB, Postgresql
- **Tools & Platforms:**   Git, GitHub, Bitbucket, Jira, Trello, Slack, npm, Yarn, Webpack, Babel
- **Cloud & Analytics:**   Mixpanel, CleverTap, Google Analytics, PostHog, CI/CD pipelines
- **Other:**   Responsive UI/UX Design, Component-Based Architecture, State Management, Agile/Scrum, Cross-Platform Optimization, SEO Optimization, Data Visualization, Debugging, Testing Automation, Problem Solving, Real-Time Data Systems

Projects

- **Jira Clone** – jira.cvasingh.com
  Built a fully functional **Jira-like task management system** with drag-and-drop kanban boards, issue tracking, and role-based workflows. Demonstrates strong skills in **React.js**, **Redux Toolkit**, and component architecture. Designed to mimic real-world project tracking tools with dynamic updates and a clean UI.
- **Todo (Figma Clone for Whiteboarding)** – white-board.cvasingh.com
  A visual task and whiteboard tool inspired by Figma's design principles. Supports **real-time collaboration**, drag-and-drop sticky notes, and intuitive drawing tools. Showcases understanding of **canvas rendering**, **state sync**, and interaction-heavy UI elements.
- **LMS (Learning Management System)** – lms.cvasingh.com
  Designed and developed a modular LMS platform to manage courses, quizzes, and student progress

tracking. Features include **admin dashboards**, **role management**, and **secure content delivery**. Built using **React**, **Node.js**, and **MongoDB**, reflecting real-world edtech architecture.

- **Dcluttr** – app.dcluttr.ai
  Enhanced a marketing performance dashboard aggregating reports across platforms such as Meta, Google, and LinkedIn. Connected complex analytics APIs with caching strategies and dynamic filters. Highlights strength in **data visualization**, **API orchestration**, and **real-time reporting** interfaces.

Achievements & Other

- Awarded **6× Employee of the Month** and **3× Employee of the Quarter** at Univest for consistent high performance, code quality, and availability during critical deployments.
- Earned a **Gold Badge in Python** and a **Silver Badge in MySQL** on HackerRank, demonstrating strong foundational knowledge and problem-solving skills.
- Successfully delivered **multiple end-to-end production applications**, recognized for clean architecture, maintainability, and business impact.
- Served as **Web Development Mentor** at **Google Developer Student Clubs (GDSC), BBDNITM** *(Jun 2022 – May 2022)*, mentoring peers on modern development workflows, code quality standards, and scalable frontend architecture.

Interests

Keen interest in emerging web technologies, performance optimization, scalable system design, and modern AI models. Regularly follow industry blogs and contribute to open-source side projects to stay current with evolving trends. Outside of tech, I enjoy swimming and reading science fiction—pursuits that strengthen both discipline and imaginative thinking.